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Info about Assignment

What we know

- Door 1: Corridor
- Door 2: 40 ft drop to your death
- Door 3: Bag of cash
- Door 4: vicious dog
- The chair will sink, so we must remember our steps.
- We cannot communicate with the outside world.
- The room is completely silent; there are no noises outside or within the room.

What might happen

- We find the cash.
- A dog attacks us.
- We are shown the corridor.
- We fall 40 feet to our death.

If we find the cash

- The walls will become spiky, preventing us from feeling our way.
- We must remember the steps from the center to the door.
- We have to turn 90 degrees once we get to the center of the room, but the dog door is no longer an option. Leaving only two doors.
- The room is completely dark so only guided by sense of direction and counting number of steps.

Assumptions

- We pick each of the right doors on our first try.
- The dog door is across from the money door.

- Before starting: we have a 25% chance of picking cash, 50% chance of death, and 25% chance of finding nothing/going home. After we get cash, we have 50/50 chance of escaping.
- We have only one chance to pick the right door, no take-backsies

Actions

1. We stand up, and the chair sinks.
2. We walk to the door and count our steps along the way.
3. We open a door and step in.
4. We take the cash, the lights go out, and the walls become razor-sharp.
5. We turn 180 degrees, facing the circular room.
6. Remembering how man steps it takes to get to the door from the center, we walk back to the center using the same number of steps.
7. Once at center, we turn 90 degrees to the right.
8. Now facing to the right, we walk the same number of steps as before to the door.
9. Open door and exit to the corridor.